

Author Index

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KEY TO ABBREVIATIONS USED FOR ARTICLE CLASSIFICATION

* = Original Article	DI = Discussion	RE = Report
AN = Announcement	ED = Editorial	RV = Review of Recent Books
CR = Case Report	HW = How to Do It	SH = Our Surgical Heritage
CP = Correspondence	IC = Invited Commentary	TR = Tribute
CT = Collective Review	KR = Key References	UP = Update
CV = Current Review	PA = Presidential Address	

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* = Original Article	CV = Current Review	RE = Report
AN = Announcement	ED = Editorial	RV = Review of Recent Books
CR = Case Report	HW = How to Do It	SH = Our Surgical Heritage
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CT = Collective Review	PA = Presidential Address	UP = Update

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- Operative treatment of pediatric obstructive hypertrophic cardiomyopathy: a 26-year experience (Stone, Hennein, & others) 1993;56:1308-14*
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- Use of heparin-coated cardiopulmonary bypass (Jones, Hill, & others) 1993;56:566-8,CR
- Use of retrograde cold crystalloid cardioplegia in a patient with unexpected cold agglutination (Izzat, Rajesh, & Smith) 1993;56:1395-7,CR
- Catheterization**
- Anatomic considerations in closed transatrial cannulation of the coronary sinus (Cohen, Hauptman, & others) 1993;56:581-2,HW
- Catheter-induced pulmonary artery rupture in the setting of cardiopulmonary bypass (Urschel & Myerowitz) 1993;56:585-9,CT
- Coronary sinus cannulation: a technique to overcome an obstructing thebesian valve (Vander Salm) 1993;56:1441-2,CP
- Successful balloon mitral commissurotomy in a small child: use of small Inoue balloon catheter (Ino, Shimazaki, & others) 1993;56:168-70,CR
- Catheters, indwelling**
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Pentalogy of Cantrell

Staged repair of pentalogy of Cantrell with tetralogy of Fallot (Abdallah, Marks, & others) 1993;56:797-80,CR

Perfusion

Hypoperfusion after arterial bypass grafting (Loop & Thomas) 1993;56:812-3,ED

Protection from postischemic spinal cord injury by perfusion cooling of the epidural space (Tabayashi, Niibori, & others) 1993;56:494-8*

Retrograde vital organ perfusion during aortic arch repair (Matalanis & Buxton) 1993;56:981-4,HW

Transesophageal Doppler echocardiographic monitoring for malperfusion during aortic dissection repair (Neustein, Lansman, & Quintana) 1993;56:358-61,CR

Perfusion, regional

Brain protection via cerebral retrograde perfusion during aortic arch aneurysm repair (Safi, Brien, & others) 1993;56:270-6*

Isolated single-lung perfusion with doxorubicin is pharmacokinetically superior to intravenous injection (Weksler, Ng, & others) 1993;56:209-14*

Protection of the brain during hypothermic perfusion (Mohri, Sadahiro, & others) 1993;56:1493-6*

Pulsatile low-flow perfusion for enhanced cerebral protection (Watanabe & Washio) 1993;56:1478-81*

Retrograde cerebral perfusion using pulsatile flow under conditions of profound hypothermia (Mori) 1993;56:1497-8*

Transcranial Doppler monitoring of cerebral perfusion during cardiopulmonary bypass (Burrows) 1993;56:1482-4*

Pericardiectomy

Thoracoscopic pericardiectomy for effusive pericardial disease (Hazelrigg, Mack, & others) 1993;56:792-5*

Pericardium

Adverse hemodynamic effects of pericardial closure soon after an open heart operation (Ota) 1993;56:401-2,CP

Closure of bronchial defects using a pedicled pericardial flap (Smolle-Jüettner, Pinter, & others) 1993;56:923-6*

Congenital absence of the pericardium: displacement of the heart associated with tricuspid insufficiency (Van Son, Danielson, & Callahan) 1993;56:1405-6,CR

Pericardial flap and re sternotomy injury (Klingman, Berry, & Ferraris) 1993;56:204,CP; Reply (Canver) 1993;56:204,CP

Pericardial fluid and hemolysis (Siderys) 1993;56:595,CP

Pericardium in valve operations (Duran) 1993;56:1-2,ED

Recurrent primary liposarcoma of the pericardium: management by repeated resections (Kendall, Williams, & others) 1993;56:560-2,CR

Straddling endoventricular pericardial patch in prevention of type I myocardial rupture (Arena, Alamanni, & others) 1993;56:163-5,CR

Thoracoscopic pericardiectomy for effusive pericardial disease (Hazelrigg, Mack, & others) 1993;56:792-5*

Thoracoscopic resection of pericardium for symptomatic congenital pericardial defect (Risher, Rees, & others) 1993;56:1390-1,CR

Truly flexible D-shaped autogenous pericardial ring for mitral annuloplasty (Victor & Nayak) 1993;56:179-80,HW

Two-dimensional echocardiography in the evaluation of penetrating intrapericardial injuries (Bolton, Bynoe, & others) 1993;56:506-9*

Peritoneoscopy

Video-Assisted Thoracic Surgery Study Group (LoCicero) 1993;56:734-5*

Phosphates

When and Why CPD in continuous warm blood cardioplegia? (Noera) 1993;56:1217-8,CP

Phosphatidylcholines

Phosphatidylcholine-coated chest tubes improve drainage after open heart operation (Hunter & Angelini) 1993;56:1339-42*

Phrenic nerve

Phrenic nerve damage via a right thoracotomy in older children with secundum ASD (Helps, Ross-Russell, & others) 1993;56:328-30*

Pleura

How to prevent pleural opening in harvesting the internal mammary arteries (Mayumi & Matsui) 1993;56:395-6,CP; Reply (Pacífico) 1993;56:396,CP; Reply (Noera) 1993;56:396-7,CP

Pleural diseases

Diagnostic thoracoscopy for pleural disease (Daniel) 1993;56:639-40*

Thoracoscopy for empyema, bronchopleural fistula, and chylothorax (Ferguson) 1993;56:644-5*

Treatment of peripheral bronchopleural fistulas with endobronchial occlusion coils (Ponn, D'Agostino & others) 1993;56:1343-7*

Pleural effusion

Thoracoscopic management of malignant pleural effusion (LoCicero) 1993;56:641-3*

Pneumonectomy

Expandable prosthesis in right postpneumonectomy syndrome in childhood and adolescence (Audry, Balquet, & others) 1993;56:323-7*

Hemorrhage due to inflammatory erosion of the pulmonary artery stump in postpneumonectomy bronchopleural fistula (Khargi, Duurkens, & others) 1993;56:357-8,CR

Major pulmonary resections: pneumonectomies and lobectomies (Roviaro, Varoli, & others) 1993;56:779-83*

Neonatal pneumonectomy (Cleveland) 1993;56:596-7,CP

Operative approaches for left-sided carinoplasty (Maeda, Nakamoto, & others) 1993;56:441-6*

Postpneumonectomy pulmonary edema (Shapira & Shahian) 1993;56:190-5,CV

Pneumothorax

Thoracoscopic treatment of spontaneous pneumothorax (Takeno) 1993;56:688-90*

Thoracoscopy for spontaneous pneumothorax (Cannon, Verra, & Cannon) 1993;56:686-7*

Polyps

- Bronchial polyp secondary to foreign body (Urschel, Dickout, & others) 1993;56:398-9,CP; Reply (Naka) 1993;56:399-400,CP

Postoperative complications

- Airway revascularization: is it necessary? (Patterson) 1993;56:807-8,ED
- Aortobronchial fistula after unilateral lung transplantation (Hoff, Johnson, & Frist) 1993;56:1402-3,CR
- Cerebral injury and cardiac operations (Mills) 1993;56:586-91*
- Complications of thoracoscopy (Kaiser & Bavaria) 1993;56:796-8*
- Cytomegalovirus disease after heart transplantation: is acyclovir prophylaxis indicated? (Elkins, Frist, & others) 1993;56:1267-73*
- Effect of internal mammary harvest on postoperative pain and pulmonary function (Cohen, Moore, & others) 1993;56:1107-9*
- Effect of sodium nitroprusside on paraplegia during cross-clamping of the thoracic aorta (Cernaianu, Olah, & others) 1993;56:1035-8*
- A fifteen-year wound surveillance study after coronary artery bypass (Slaughter, Olson, & others) 1993;56:1063-8*
- Hazards of postoperative atrial arrhythmias (Creswell, Schuessler, & others) 1993;56:539-49*
- Infective aortic endocarditis after percutaneous balloon aortic valvuloplasty (Park, Montoya, & others) 1993;56:1161-2,CR
- Management of lymphoproliferative disorders after cardiac transplantation (Chen, Barr, & others) 1993;56:527-38*
- Management of pediatric postoperative chylothorax (Bond, Guzzetta, & others) 1993;56:469-73*
- Neonatal spinal cord syndrome associated with hypoplastic aortic arch and anemia (Amitay, Welch, & others) 1993;56:568-70,CR
- Perioperative approaches to coagulation defects (Taylor) 1993;56:578-82*
- Respiratory dysfunction after uncomplicated cardiopulmonary bypass (Taggart, El-Fiky, & others) 1993;56:1123-8*
- Role of cytokines in the pathogenesis of cardiopulmonary-induced multisystem organ failure (Casey) 1993;56:592-6*
- Treatment of postthoracotomy supraventricular tachyarrhythmias (Cheng) 1993;56:593,CP; Reply (Ritchie) 1993;56:593,CP

Potassium

- Preoperative glucose-insulin-K⁺ therapy for cardiac protection: what can be recommended? (Sanchala & Inchiosa) 1993;56:395,CP

Practice guidelines

- Practice guidelines in cardiothoracic surgery: bronchopulmonary disease (Kaiser) 1993;56:1203-13,RE
- Practice guidelines in cardiothoracic surgery: congenital heart disease (Kaiser) 1993;56:1434-7,RE

Prosthesis

- Expandable prosthesis in right postpneumonectomy syndrome in childhood and adolescence (Audry, Balquet, & others) 1993;56:323-7*

Pulmonary alveoli

- Sequential bilateral lung transplantation for pulmonary alveolar microlithiasis (Stamatis, Zerkowski, & others) 1993;56:972-5,CR

Pulmonary artery

- Catheter-induced pulmonary artery rupture in the setting of cardiopulmonary bypass (Urschel & Myerowitz) 1993;56:585-9,CT

- Endothelium-dependent relaxation in pulmonary arteries after lung preservation and transplantation (Kimblad, Massa, & others) 1993;56:1329-34*

- Hemorrhage due to inflammatory erosion of the pulmonary artery stump in postpneumonectomy bronchopleural fistula (Khargi, Duurkens, & others) 1993;56:357-8,CR

- Long-term palliation after systemic-to-pulmonary artery shunt using an internal mammary artery (Yoshimura, Yamaguchi, & others) 1993;56:361-3,CR

- Two-suture technique for pulmonary artery anastomosis in orthotopic heart transplantation (Baciewicz) 1993;56:577-8,HW

Pulmonary disease (specialty)

- Pulmonology and video surgery (Moser) 1993;56:1219,CP

Pulmonary edema

- Postpneumonectomy pulmonary edema (Shapira & Shahian) 1993;56:190-5,CV

Pulmonary veins

- Anomalous pulmonary venous drainage of the right lung (Cohen, Sell, & others) 1993;56:1397-9,CR

- Mixed type of total anomalous pulmonary venous connection with hemi-pulmonary vein atresia (Shimazaki, Nakano, & others) 1993;56:1399-401,CR

- Total anomalous pulmonary venous connection (Phillips) 1993;56:395,CP

Radiotherapy

- Preliminary results with neoadjuvant therapy and resection for esophageal carcinoma (Hoff, Stewart, & others) 1993;56:282-7*

Receptors, adrenergic, β

- Triiodothyronine, β -adrenergic receptors, agonist responses, and exercise capacity (Martin) 1993;56:S24-34*

Reperfusion

- Pulsatile versus nonpulsatile reperfusion improves cerebral blood flow after cardiac arrest (Anstadt, Tedder, & others) 1993;56:453-61*

Reports

- Guidelines for courses from the AATS/STS Joint Committee on Video Assisted Thoracic Surgery 1993;56:591-2,RE
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Resorcin

- Biophysical properties of the gelatin-resorcin-formaldehyde/glutaraldehyde adhesive (Albes, Krettek, & others) 1993;56:910-5*

Respiration, artificial

- Successful lung transplantation in a long-term ventilator-dependent patient (End, Grimm, & others) 1993;56:562-4,CR

Respiratory function

- Effect of age and preoperative airway obstruction on lung function after coronary artery bypass grafting (Wahl, Swinburne, & others) 1993;56:104-7*

- Effect of internal mammary harvest on postoperative pain and pulmonary function (Cohen, Moore, & others) 1993;56:1107-9*

- Limited resection of bronchogenic carcinoma in the patient with impaired pulmonary function (Miller) 1993;56:769-71*

Respiratory function (cont'd)

Long-term functional results after bilateral lung transplantation (Dromer, Velly, & others) 1993;56:68-73*

Respiratory insufficiency

Respiratory dysfunction after uncomplicated cardiopulmonary bypass (Taggart, El-Fiky, & others) 1993;56:1123-8*

Rib fractures

Fractured rib with penetrating cardiopulmonary injury (Galvin, Costa, & Murton) 1993;56:558-9,CR

Risk

Decrease in operative risk of reoperative valve surgery (Cohn, Aranki, & others) 1993;56:15-21*

Romania

Heart surgery in underdeveloped countries: success in Panama and Romania (Lansing) 1993;56:1439-40,CP

Rupture

Catheter-induced pulmonary artery rupture in the setting of cardiopulmonary bypass (Urschel & Myerowitz) 1993;56:585-9,CT

Salmonella

Salmonella mediastinal abscess (Snider, Hannah, & others) 1993;56:556-8,CR

Saphenous vein

Predictors of early saphenous vein aortocoronary bypass graft occlusion (Paz, Lupon, & others) 1993;56:1101-6*

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Sarcoma

Halfway technology takes another step forward (Benjamin) 1993;56:205,ED

Primary left atrial myxosarcoma (Harris, Tio, & Grover) 1993;56:564-6,CR

Sarcoplasmic reticulum

Postischemic deterioration of sarcoplasmic reticulum: warm versus cold blood cardioplegia (Liu, Engelman, & others) 1993;56:1154-9*

Schwannoma

Esophageal schwannoma (Iwata, Kataoka, & others) 1993;56:376-7,CR

Metastatic malignant schwannoma in the heart (Hussain & Neligan) 1993;56:374-5,CR

Shock

Postcardiotomy shock: clinical evaluation of the BVS 5000 biventricular support system (Guyton, Schönberger, & others) 1993;56:346-56*

Shunt

Aorto-aortic shunt via the left ventricular apex for operation on the distal arch and the descending aorta (Sarsam & Deiraniya) 1993;56:986-7,HW

Long-term palliation after systemic-to-pulmonary artery shunt using an internal mammary artery (Yoshimura, Yamaguchi, & others) 1993;56:361-3,CR

Mid-term results after bidirectional cavopulmonary shunts (Hawkins, Shaddy, & others) 1993;56:833-7*

Obligatory Glenn shunt in fenestrated Fontan (DeLeon, Freeman, & others) 1993;56:510-4*

Right ventricle-to-aorta conduit in pulmonary atresia with intact ventricular septum and coronary sinusoids (Freeman, Serafin, & others) 1993;56:1393-5,CR

Sinusoids

Right ventricle-to-aorta conduit in pulmonary atresia with intact ventricular septum and coronary sinusoids (Freeman, Serafin, & others) 1993;56:1393-5,CR

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Chronic stimulation enhances extramyocardial collateral blood flow after a cardiomyoplasty (Bailey, Magno, & others) 1993;56:1045-53*

Conformational adaptation of muscle: implications in cardiomyoplasty and skeletal muscle ventricles (Gealow, Solien, & others) 1993;56:520-6*

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Presidential address (Gott) 1993;56:1214,CP

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Spasm

Coronary artery spasm after aortic valve replacement (Tsuchida, Takemura, & others) 1993;56:170-3,CR

Spectrum analysis

Cerebral hemodynamics during cardiopulmonary bypass in children using near-infrared spectroscopy (Fallon, Roberts, & others) 1993;56:1473-7*

Spinal canal

Protection from postischemic spinal cord injury by perfusion cooling of the epidural space (Tabayashi, Niibori, & others) 1993;56:494-8*

Spinal cord diseases

Neonatal spinal cord syndrome associated with hypoplastic aortic arch and anemia (Amitay, Welch, & others) 1993;56:568-70,CR

Spinal cord injuries

Protection from postischemic spinal cord injury by perfusion cooling of the epidural space (Tabayashi, Niibori, & others) 1993;56:494-8*

Spinal diseases

Application of thoracoscopy for diseases of the spine (Mack, Regan, & others) 1993;56:736-8*

Splints

Cardiac dilatation after cardiopulmonary bypass: ceramic plate technique for sternal splinting (Yokoyama, Togo, & others) 1993;56:971-2,CR

Stents

Indications for an expandable metallic stent for tracheobronchial stenosis (Nomori, Kobayashi, & others) 1993;56:1324-8*

Sternotomy

Effect of internal mammary harvest on postoperative pain and pulmonary function (Cohen, Moore, & others) 1993;56:1107-9*

Pericardial flap and resternotomy injury (Klingman, Berry, & Ferraris) 1993;56:204,CP; Reply (Canver) 1993;56:204,CP

Primary closure of infected sternum (Wong, Youhana, & others) 1993;56:1005,CP; Reply (Molina) 1993;56:1005-6,CP

Subxiphoid approach for insertion of ICDs after previous median sternotomy (Marrin, Canver, & others) 1993;56:312-5*

Sternum

Cardiac dilatation after cardiopulmonary bypass: ceramic plate technique for sternal splinting (Yokoyama, Togo, & others) 1993;56:971-2,CR

Primary closure of infected sternum (Wong, Youhana, & others) 1993;56:1005,CP; Reply (Molina) 1993;56:1005-6,CP

Sternal cleft associated with vascular anomalies and micrognathia (Pasic, Carrel, & others) 1993;56:165-8,CR

Stroke volume

Coronary artery bypass in patients with severely depressed ventricular function (Milano, White, & others) 1993;56:487-93*

Coronary bypass with ejection fraction of 0.20 or less using centigrade cardioplegia: long-term follow-up (Lansman, Cohen, & others) 1993;56:480-6*

Flow capacities of arterial grafts for coronary artery bypass grafting (Kawasuji, Tedoriya, & others) 1993;56:957-62*

Subclavian artery

Transluminal angioplasty of the subclavian artery in patients with internal mammary grafts (Perrault, Carrier, & others) 1993;56:927-30*

Surgery

Implications of triiodothyronine administration before cardiac and noncardiac operations (Lowenstein) 1993;56:S43-7*

Surgery, cardiovascular

Preoperative use of erythropoietin for cardiovascular operations in anemia (Konishi, Ohbayashi, & others) 1993;56:101-3*

Surgery, digestive system

Paraesophageal hiatal hernia: is an antireflux procedure necessary? (Williamson, Ellis, & others) 1993;56:447-52*

Preliminary results with neoadjuvant therapy and resection for esophageal carcinoma (Hoff, Stewart, & others) 1993;56:282-7*

Surgery, lung

Assessment of right ventricular contractile performance after pulmonary resection (Reed, Dorman, & Spinale) 1993;56:426-32*

Closure of bronchial defects using a pedicled pericardial flap (Smolle-Jüettner, Pinter, & others) 1993;56:923-6*

Hugh Morriston Davies: first dissection lobectomy in 1912 (Naef) 1993;56:988-9,SH

Initial experience with video-assisted thoracoscopic lobectomy (Kirby, Mack, & others) 1993;56:1248-53*

Leiomyoma of the bronchus treated by endoscopic resection (Kim, Suh, & Han) 1993;56:1164-6,CR

Limited resection of bronchogenic carcinoma in the patient with impaired pulmonary function (Miller) 1993;56:769-71*

Major pulmonary resections: pneumonectomies and lobectomies (Roviaro, Varoli, & others) 1993;56:779-83*

Operative approaches for left-sided carinoplasty (Maeda, Nakamoto, & others) 1993;56:441-6*

Role of mechanical stapling devices in thoracoscopic pulmonary resection (Acuff, Mack, & others) 1993;56:749-51*

The role of video-assisted thoracic surgery for carcinoma of the lung: wedge resection to lobectomy by simultaneous individual stapling (Lewis) 1993;56:762-8*

Successful reconstruction for combined tracheal and bronchial disruption (Ishikawa, Onizuka, & others) 1993;56:160-1,CR

Surgical resection of a second primary lung carcinoma in a survivor of small cell carcinoma (Inoue, Iwasaki, & others) 1993;56:1160-1,CR

Surgical treatment of bullous emphysema (Deslauriers) 1993;56:196-7,CR

Thoracoscopic lobectomy (Kirby & Rice) 1993;56:784-6*

Thoracoscopic stapled bullectomy supported by suturing (Yamaguchi, Shinonaga, & others) 1993;56:691-3*

VATS wedge resection of the lung using the neodymium: yttrium-aluminum garnet laser (Landreneau, Keenan, & others) 1993;56:758-61*

Video-assisted thoracoscopic resection of pulmonary metastases (Dowling, Keenan, & others) 1993;56:772-5*

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Closure of bronchial defects using a pedicled pericardial flap (Smolle-Jüettner, Pinter, & others) 1993;56:923-6*

Combination gastric seromuscular patch and omental pedicle flap for bronchial fistula (Kamei, Moriura, & others) 1993;56:366-8,CR

Pericardial flap and re sternotomy injury (Klingman, Berry, & Ferraris) 1993;56:204,CP; Reply (Canver) 1993;56:204,CP

Surgical staplers

Endoscopic stapling technique of esophagodiverticulostomy for Zenker's diverticulum (Collard, Otte, & Kestens) 1993;56:573-6,HW

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Surgical wound infection

A fifteen-year wound surveillance study after coronary artery bypass (Slaughter, Olson, & others) 1993;56:1063-8*

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Suture techniques

Thoracoscopic stapled bullectomy supported by suturing (Yamaguchi, Shinonaga, & others) 1993;56:691-3*

Two-suture technique for pulmonary artery anastomosis in orthotopic heart transplantation (Baciewicz) 1993;56:577-8,HW

Sutures

Septal myocardial infarction: a complication of coronary artery stay sutures (Splittgerber & Minale) 1993;56:400-1,CP

Sympathectomy

Dorsal sympathectomy and management of thoracic outlet syndrome with VATS (Urschel) 1993;56:717-20*

Teratoma

Resection of an intracardiac metastasis from malignant teratoma of the testis (O'Donnell, Maghur, & others) 1993;56:1386-7,CR

Testicular neoplasms

Resection of an intracardiac metastasis from malignant teratoma of the testis (O'Donnell, Maghur, & others) 1993;56:1386-7,CR

Tetraiodothyronine

Comparative pharmacology of the thyroid hormones (Sypniewski) 1993;56:S2-8*

Tetralogy of Fallot

Monocusp homograft VSD patch in atrioventricular canal with tetralogy of Fallot (Westaby) 1993;56:161-3,CR

Outflow reconstruction of tetralogy of Fallot using a Gore-Tex valve (Yamagishi & Kurosawa) 1993;56:1414-7,HW

Staged repair of pentalogy of Cantrell with tetralogy of Fallot (Abdallah, Marks, & others) 1993;56:979-80,CR

Tetralogy of Fallot (cont'd)

Survival analysis of infants under age 18 months presenting with tetralogy of Fallot (Vobecky, Williams, & others) 1993;56:944-50*

Thebesian valve

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Surgical repair of atrial septal rupture due to blunt trauma (Jenson, Hoffman, & others) 1993;56:1172-4,CR

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Gross and microvascular distribution of retrograde cardioplegia in explanted human hearts (Gates, Laks, & others) 1993;56:410-7*

Thoracoplasty

Thoracoplasty in the context of current surgical practice (Pepas, Molnar, & others) 1993;56:903-9*

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Accuracy of lung imaging in metastases with implications for the role of thoracoscopy (McCormack, Ginsberg, & others) 1993;56:863-6*
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The history of thoracoscopic surgery (Brambridge) 1993;610-4*
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Limited resection of bronchogenic carcinoma in the patient with impaired pulmonary function (Miller) 1993;56:769-71*

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Perspectives on thoracoscopy in general thoracic surgery (Cooper) 1993;56:697-700*

The present role and future considerations of video-assisted thoracoscopy in general thoracic surgery (Miller) 1993;56:804-6*

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The role of thoracoscopy in the AIDS/immunocompromised patient (Feins) 1993;56:649-50*

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The role of video-assisted thoracic surgery for carcinoma of the lung: wedge resection to lobectomy by simultaneous individual stapling (Lewis) 1993;56:762-8*

Sense, antisense, nonsense, and missense (Cheng) 1993;56:397,CP

Strategic planning for video-assisted thoracic surgery (Landreneau, Mack, & others) 1993;56:615-9*

Thoracoscopic clipping of patent ductus arteriosus in premature infants (Förster) 1993;56:1418-20,HW

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Thoracoscopic esophageal myotomy in the treatment of achalasia (Pellegrini, Leichter, & others) 1993;56:680-2*

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Thoracoscopic stapled bullectomy supported by suturing (Yamaguchi, Shinonaga, & others) 1993;56:691-3*

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- Thoracoscopic treatment of spontaneous pneumothorax (Takeno) 1993;56:688-90*
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- Thoracoscopy for autonomic disorders (Claes, Drott, & Göthberg) 1993;56:714-6*
- Thoracoscopy for diagnosis of diffuse lung disease (Ferguson) 1993;56:694-6*
- Thoracoscopy for empyema, bronchopleural fistula, and chylothorax (Ferguson) 1993;56:644-5*
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- Thoracoscopy in Europe: views from North America (Mulder) 1993;56:731-3*
- Thoracoscopy in the management of anterior mediastinal masses (Surgarbaker) 1993;56:653-6*
- Thoracoscopy training in a residency program (Wain) 1993;56:799-800*
- VATS wedge resection of the lung using the neodymium:yttrium-aluminum garnet laser (Landreneau, Keenan, & others) 1993;56:758-61*
- Video-Assisted Thoracic Surgery Study Group (LoCicero) 1993;56:734-5*
- Video-assisted thoracoscopic resection of pulmonary metastases (Dowling, Keenan, & others) 1993;56:772-5*
- Video-assisted thoracoscopy and the staging of lung cancer (Wain) 1993;56:776-8*
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- Thoracotomy**
- Alternative (muscle-sparing) incisions in thoracic surgery (Ginsberg) 1993;56:752-4*
- Phrenic nerve damage via a right thoracotomy in older children with secundum ASD (Helps, Ross-Russell, & others) 1993;56:328-30*
- Postoperative pain-related morbidity: video-assisted thoracic surgery versus thoracotomy (Landreneau, Hazelrigg, & others) 1993;56:1285-9*
- Surgical relief of acute airway obstruction due to primary tuberculosis (Worthington, Brink, & others) 1993;56:1054-62*
- Thromboembolism in patients undergoing thoracotomy (Ziomek, Read, & others) 1993;56:223-7*
- Treatment of postthoracotomy supraventricular tachyarrhythmias (Cheng) 1993;56:593,CP; Reply (Ritchie) 1993;56:593,CP
- Thromboembolism**
- Mitral valve Carpentier-Edwards bioprosthetic replacement, thromboembolism, and anticoagulants (Louagie, Jamart, & others) 1993;56:932-7*
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- Thromboxane A₂**
- Thromboxane A₂: an endothelium-derived vasoconstrictor in human internal mammary arteries (Lin, Chang, & others) 1992;56:97-100*
- Thymoma**
- Invasive thymoma with intracaval growth into the right atrium (Missault, Gheeraert, & others) 1993;56:203,CP; Reply (Yokoi, Miyazawa, & others) 1993;56:203-4,CP
- Thyroid diseases**
- Cardiac function in thyroid disease: clinical features and management considerations (Dillmann) 1993;56:S9-15*
- Thyroid hormones**
- Acute cellular actions of thyroid hormone and myocardial function (Davis & Davis) 1993;56:S16-23*
- Acute effects of triiodothyronine on arterial smooth muscle cells (Ojamaa, Balkman, & Klein) 1993;56:S61-7*
- Cardiac function in thyroid disease: clinical features and management considerations (Dillmann) 1993;56:S9-15*
- Cardiopulmonary bypass and thyroid hormone metabolism (Clark) 1993;56:S35-42*
- Comparative pharmacology of the thyroid hormones (Sypniewski) 1993;56:S2-8*
- Implications of triiodothyronine administration before cardiac and noncardiac operations (Lowenstein) 1993;56:S43-7*
- Prevalence and clinical implications of abnormal thyroid hormone metabolism in advanced heart failure (Hamilton) 1993;56:S48-53*
- Studies on the use of thyroid hormone and a thyroid hormone analogue in the treatment of congestive heart failure (Morkin, Pennock, & others) 1993;56:S54-60*
- Triiodothyronine, β -adrenergic receptors, agonist responses, and exercise capacity (Martin) 1993;56:S24-34*
- Tissue donors**
- Donor lung procurement: assessment and operative technique (Sundaresan, Trachiotis, & others) 1993;56:1409-13,HW
- Trachea**
- Successful reconstruction for combined tracheal and bronchial disruption (Ishikawa, Onizuka, & others) 1993;56:160-1,CR
- Tracheal stenosis**
- Idiopathic laryngotracheal stenosis and its management (Grillo, Mark, & others) 1993;56:80-7*
- Indications for an expandable metallic stent for tracheobronchial stenosis (Nomori, Kobayashi, & others) 1993;56:1324-8*
- Transplantation**
- Transplantation tolerance (Sachs) 1993;56:1221-7*
- Transplantation, autologous**
- Degradation of a supporting prosthesis can optimize arterialization of autologous veins (Zweep, Satoh, & others) 1993;56:1117-22*
- Transplantation, homologous**
- Endothelial cell replication in an in vivo model of aortic allografts (Lupinetti, Tsai, & Kneebone) 1993;56:237-41*
- Failure of the Hemashield extension in right ventricle-to-pulmonary artery conduits (Kobayashi, Backer, & others) 1993;56:277-81*
- Geometry of homograft valve leaflets: effect of dilation of the aorta and the aortic root (Lockie, Butterfield, & others) 1993;56:125-30*
- Monocusp homograft VSD patch in atrioventricular canal with tetralogy of Fallot (Westaby) 1993;56:161-3,CR
- Replacement of the aortic valve with cryopreserved aortic allograft (Doty, Michielon, & others) 1993;56:228-36*
- Successful orthotopic transplantation of a fresh tricuspid valve homograft in a human (di Summa, Donegani, & others) 1993;56:1407-8,CR
- Transposition of great vessels**
- Repair of double aortic arch associated with D-transposition of the great arteries (Kupferschmid, Burns, & others) 1993;56:570-2,CR

Transposition of great vessels (cont'd)

Staged conversion to arterial switch for late failure of the systemic right ventricle (Cochrane, Karl, & Mee) 1993;56:854-62*

Transposition of the great arteries: correction with conversion from single to dual coronary artery system (Antunes & Melo) 1993;56:1166-8,CR

Tricuspid valve

Successful orthotopic transplantation of a fresh tricuspid valve homograft in a human (di Summa, Donegani, & others) 1993;56:1407-8,CR

Tricuspid valve insufficiency

Congenital absence of the pericardium: displacement of the heart associated with tricuspid insufficiency (Van Son, Danielson, & Callahan) 1993;56:1405-6,CR

Triiodothyronine

Acute cellular actions of thyroid hormone and myocardial function (Davis & Davis) 1993;56:S16-23*

Acute effects of triiodothyronine on arterial smooth muscle cells (Ojamaa, Balkman, & Klein) 1993;56:S61-7*

Cardiopulmonary bypass and thyroid hormone metabolism (Clark) 1993;56:S34-42*

Comparative pharmacology of the thyroid hormones (Sypniewski) 1993;56:S2-8*

Effects of triiodothyronine supplementation after myocardial ischemia (Dyke, Ding, & others) 1993;56:215-22*

Implications of triiodothyronine administration before cardiac and noncardiac operations (Lowenstein) 1993;56:S43-7*

Prevalence and clinical implications of abnormal thyroid hormone metabolism in advanced heart failure (Hamilton) 1993;56:S48-53*

Studies on the use of thyroid hormone and a thyroid hormone analogue in the treatment of congestive heart failure (Morkin, Pennock, & others) 1993;56:S54-60*

Triiodothyronine, β -adrenergic receptors, agonist responses, and exercise capacity (Martin) 1993;56:S24-34*

Truncus arteriosus

Stentless xenograft valve in a truncus arteriosus communis (Kleikamp, Breymann, & others) 1993;56:1171-2,CR

Tuberculosis, pulmonary

Surgical relief of acute airway obstruction due to primary tuberculosis (Worthington, Brink, & others) 1993;56:1054-62*

Ultrafiltration

Ultrafiltration and modified ultrafiltration in pediatric open-heart operations (Elliott) 1993;56:1518-22*

Update

Early dilation in the treatment of esophageal disruption (Oringer) 1993;56:1432-3,UP

Vascular diseases

Sternal cleft associated with vascular anomalies and micrognathia (Pasic, Carrel, & others) 1993;56:165-8,CR

Use of an arch balloon in cardiac surgery patients with severe peripheral vascular disease (Saedi) 1993;56:1006,CP

Vascular occlusion coils

Treatment of peripheral bronchopleural fistulas with endobronchial occlusion coils (Ponn, D'Agostino & others) 1993;56:1343-7*

Vasoactive substances

Release of vasoactive substances during cardiopulmonary bypass (De Souza & Spyt) 1993;56:397-8,CP

Vasoconstriction

Thromboxane A₂: an endothelium-derived vasoconstrictor in human internal mammary arteries (Lin, Chang, & others) 1992;56:97-100*

Vasodilation

Limitation of vasodilation associated with warm heart operation by a "mini-cardioplegia" delivery technique (Menasché, Fleury, & others) 1993;56:1148-53*

Video-assisted thoracic surgery

Complications of thoracoscopy (Kaiser & Bavaria) 1993;56:796-8*

Cost analysis for thoracoscopy: thoracoscopic wedge resection (Hazelrigg, Nunchuck, & others) 1993;56:633-5*

Dorsal sympathectomy and management of thoracic outlet syndrome with VATS (Urschel) 1993;56:717-20*

Equipment for thoracoscopy (Allen, Trastek, & others) 1993;56:620-3*

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Initial experience with video-assisted thoracoscopic lobectomy (Kirby, Mack, & others) 1993;56:1248-53*

Postoperative pain-related morbidity: video-assisted thoracic surgery versus thoracotomy (Landreneau, Hazelrigg, & others) 1993;56:1285-9*

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Strategic planning for video-assisted thoracic surgery (Landreneau, Mack, & others) 1993;56:615-9*

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Video Assisted Thoracic Surgery Study Group data (Hazelrigg, Nunchuck, & others) 1993;56:1039-44*

Video-assisted thoracoscopy and the staging of lung cancer (Wain) 1993;56:776-8*

Wounds, gunshot

Bullet embolization to a coronary artery (Hopkins & Pecirep) 1993;56:370-2,CR

Wounds, nonpenetrating

Surgical management of aortic valve injury after nonpenetrating trauma (Prêtre & Faidutti) 1993;56:1426-31,CV

Surgical repair of atrial septal rupture due to blunt trauma (Jenson, Hoffman, & others) 1993;56:1172-4,CR

Wounds, penetrating

Fractured rib with penetrating cardiopulmonary injury (Galvin, Costa, & Murton) 1993;56:558-9,CR

Two-dimensional echocardiography in the evaluation of penetrating intrapericardial injuries (Bolton, Bynoe, & others) 1993;56:506-9*

